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## NOTICE OF ALLOWANCE AND FEE(S) DUE

4743

7590

12/10/2007

MARSHALL, GERSTEIN & BORUN LLP 233 S. WACKER DRIVE, SUITE 6300 SEARS TOWER CHICAGO, IL 60606 **EXAMINER** 

WRIGHT, GIOVANNA COLLINS

ART UNIT

PAPER NUMBER

3672

DATE MAILED: 12/10/2007

APPLICATION NO. FIL		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/539,815	12/19/2005	Masaaki Miyanaga	19036/41345	6677

TITLE OF INVENTION: BLADE EDGE STRUCTURE FOR CORE DRILL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	03/10/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### **HOW TO REPLY TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

~Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifica	ed below or directed otl	ng the Patent, advance on the nerwise in Block 1, by (a	rders and notification o  a) specifying a new cor	f maintenance fees v respondence address	vill be n ; and/or	nailed to the current of (b) indicating a separ	correspondence address as ate "FEE ADDRESS" for
	·	ock 1 for any change of address)	F	ee(s) Transmittal. Th	is certifi	cate cannot be used fo	domestic mailings of the r any other accompanying t or formal drawing, must
233 S. WACKE SEARS TOWER	GERSTEIN & BO R DRIVE, SUITE 6 R		I S au tr	hereby certify that that the lates Postal Service v	is Fee(s	of Mailing or Transm ) Transmittal is being icient postage for first SSUE FEE address a ) 273-2885, on the dat	deposited with the United class mail in an envelope bove, or being facsimile te indicated below.
CHICAGO, IL 6	50606						(Depositor's name)
			_	·			(Signature)
			L				(Date)
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EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
WRIGHT, GIOVA	ANNA COLLINS	3672	175-403000	_			
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.	ondence address (or Cha B/122) attached. ication (or "Fee Address 20 or more recent) attach	inge of Correspondence  Indication form led. Use of a Customer	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to				
PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comp GNEE		data will appear on the T a substitute for filing a (B) RESIDENCE: (Cl'	patent. If an assign in assignment. TY and STATE OR (	COUNTI	RY)	cument has been filed for
Please check the appropr	iate assignee category or	categories (will not be pr	rinted on the patent):	☐ Individual ☐ C	orporatio	on or other private grou	ip entity Government
	are submitted:  No small entity discount p  of Copies	permitted)	o. Payment of Fee(s): (P     A check is enclosed     Payment by credit of     The Director is here     overpayment, to De	l. ard. Form PTO-2038	is attac	ched.	·
5. Change in Entity State  a. Applicant claim.	tus (from status indicated s SMALL ENTITY state		☐ b. Applicant is no le	onger claiming SMA	LL ENT	ITY status. See 37 CFI	R 1.27(g)(2).
NOTE: The Issue Fee and	d Publication Fee (if requ		d from anyone other that				assignee or other party in
Authorized Signature				Date			
Typed or printed name			Registration No.				
This collection of inform an application. Confident submitting the completed this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	danty is governed by 35 I application form to the ons for reducing this but irginia 22313-1450 DC	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the ONOT SEND FEES OR (	on is required to obtain on 1,14. This collection is depending upon the incention off COMPLETED FORMS	r retain a benefit by the stimated to take 12 clean case. Any cer, U.S. Patent and TO THIS ADDRESS	he public minutes omments Tradema S. SEND	c which is to file (and to complete, including on the amount of times of the times. To: Commissioner for the commi	by the USPTO to process) gathering, preparing, and e you require to complete trient of Commerce, P.O. or Patents, P.O. Box 1450,

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233 S. WACKÉ			ART UNIT	PAPER NUMBER		
SEARS TOWER CHICAGO, IL			•	3672 DATE MAILED: 12/10/200	7	

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.